



Borough of New Windsor.



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

INSPECTOR OF NUISANCES

For the Year 1908.

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OF THE

Medical Officer of Health.

For the Year 1908.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE
BOROUGH OF NEW WINDSOR.

GENTLEMEN,

I have the honour of presenting to you my Annual Report on the Sanitary Condition of the Borough during the year 1908.

The population of the Borough of Windsor at Midsummer, 1908, estimated according to the recognised rule, was 14,056, including 1,147 persons, or thereabout. resident in the Barracks.

Population.

The number of births registered during the year was 274 (of 129 male children and 145 female), and was 18 below the mean number for the preceding ten years.

Births.

The birth-rate was 19·5 per 1000 persons living, the corresponding rate for the country generally being 26·5.

Birth-rate.

The number of deaths, corrected in respect of those which took place in public institutions, was 161, and was 8 below the mean for the preceding ten years. The actual death-rate was 11·4 per 1000 persons living, but was equivalent to a rate of 11·9 in a population of standard composition as to age and sex. The corresponding rate throughout England Wales was 14·7.

Deaths.

Death-rate.

Deaths of Infants.

Of infants under twelve months old, 18 died, their rate of mortality being 66 per 1000 born. In England and Wales the corresponding rate for the year was 121. During the preceding the rates were 90 for Windsor, and 142 for England and Wales. The comparison affords, as I have before pointed out, the most satisfactory evidence of the relatively good sanitary condition of the town.

The causes of death of these infants are set forth in Table V. In that table the deaths of five *non-residents* (patients in the Royal Infirmary) are included. Of the rest, 11 perished by reason of their immature or defective condition at birth, 2 died of diarrhœa, 1 of diphtheria, and 1 of pneumonia.

The death-rate of children under five years old was 23·2 per 1000 living at that age, and was lower than any previously recorded in the town. The mortality among aged persons, on the other hand, was considerably in excess of the average.

Zymotic Diseases.

To the "seven principal zymotic diseases" 6 deaths were attributed, namely, 1 to *measles*, 1 to *scarlet fever*, 2 to *diphtheria*, and 2 to *diarrhœa*.

Scarlet Fever.

Scarlet Fever was notified in 10 cases, distributed in 9 houses. This disease has caused eight deaths during the past twenty years.

Diphtheria.

Of Diphtheria, 12 cases were notified. The disease had been prevalent since January, 1906, but disappeared early in the year, so that only one case was reported during the latter six months of it.

Enteric Fever.

Enteric Fever is a rare disease in Windsor. There was no case during the year 1908.

Diarrhœa.

Summer Diarrhœa caused only 2 deaths. The prevalence of this disease, which is much the most fatal and important of the zymotic group, is, as is well known, closely

dependent on weather conditions, but careful scavenging and scrupulous cleanliness have an efficacy as prophylactic measures which is, I think, not sufficiently recognised. For there is good reason to believe that the infective germs of the disease are dissiminated for the most part by the agency of the house flies, and those pests have their breeding grounds in deposits of putrifying refuse in the vicinity of dwellings.

The deaths caused by Phthisis were fewer than in any **Phthisis.** previous year. The decline in the fatality of this disease, which has been continuous for more than twenty years, may be attributed mainly to the amelioration that has taken place in the sanitary condition of the town, and especially in the matter of housing. No provision exists in the district for sanatorium treatment of patients suffering from the disease, and, in the absence of any means of offering help, it may be that the enforcement of compulsory notification would be more vexatious than beneficial. But I have invited the co-operation of my medical colleagues to enable the Sanitary Authority to disinfect rooms or houses recently occupied by consumptives. Spitting in public buildings is forbidden by a bye-law, and warnings have been issued against the uncleanly habit of expectorating on the pavements.

Housing accommodation is, on the whole, sufficient, **Housing.** but for the poorer class of casual labourers and others, tenements in suitably designed blocks would be more wholesome than the lodgings in cottages, intended to fit each for a single family, in which many of them are crowded.

Seven new houses were completed during the year, and were certified by the Borough Surveyor to be fit for habitation—as is required by our Bye-laws.

No action was taken under the H. W. Cl. Act.

Water Supply. The Water supply of the town has continued to be abundant and excellent. Early in the year one of the five wells from which it was derived was closed by reason of its suspected liability to contamination by the entrance of sub-soil water in times of flood. The analytical and bacteriological reports on samples of water from the remaining wells have been uniformly very good.

**Cowsheds,
Milk-shops, &c.** There are but two Cowsheds in the borough, both recently established. Details concerning the inspection of these, and of Dairies, Slaughter-houses, Bakehouses, and other Work-places where food is prepared, are given in the appended Report of the Inspector of Nuisances.

Inspections. I have made the usual systematic inspections of the district, and have received, week by week, reports of nuisances and defects discovered by the Sanitary Inspector, particulars of which are given in his Report.

**Infectious
Hospital.** The Hospital for Small pox, at Old Windsor, has been maintained in readiness, but no occasion for its use arose. The town is not yet provided with a hospital for the treatment of Scarlet Fever and Diphtheria, but the Joint Hospital Board has continued its deliberations. Cases of these infectious diseases are, however, carefully watched, and such arrangements as may seem necessary made for the prevention of the spread of infection. The success of such measures is shown by the fact that among the 16 houses affected by these diseases during the year, only *one* case of secondary infection, after notification, occurred, and any infection of a neighbouring household from a case under observation has been almost, if not quite, unknown in the course of my long experience.

P. H. A. A. Act. The P. H. A. Amendment Act, 1907, is not yet in force in the Borough. The powers given by §§ 25 and 49 would, as I remarked in my last Annual Report, be useful.

No outbreak of infectious disease occurred at any of the Public Elementary Schools. The sanitary fittings of these schools are periodically inspected by the Sanitary Inspector. **Elementary Schools.**

At the beginning of the year, in compliance with the provisions of the Education Act, 1907, Mr. A. D. Crofts was appointed Medical Inspector of School Children, to work under the supervision of the Medical Officer of Health. This arrangement has proved entirely satisfactory, within the limits then had in view. The work has been facilitated by the cordial co-operation of the school masters and mistresses, and the children's parents have shown, more generally, perhaps, than was anticipated an appreciation of its value. But it has become clearly apparent that the work of inspection must be followed up, or much of the advantage to be gained from it would be lost. And I am glad to hear that the appointment of a School Nurse, whose duty it will be to visit the homes of the children, has been determined upon.

Statistical Tables are appended.

I have the honour to be,

Mr. Mayor and Gentlemen,

Your obedient servant,

EDWARD CASEY.

PARK STREET,

Feb. 13th, 1909.

TABLE I.

Vital Statistics of whole District during 1908 and Previous Years.
 Name of District - - Borough of New Windsor.

Year.	Population estimated to middle of each Year.	Births.		Total Deaths Registered in the District.				Deaths of Non-Residents registered in Public Institutions in the District.			Deaths of Residents registered in Public Institutions beyond the District.		Nett Deaths at all Ages belonging to the District.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.		Total Deaths in Public Institutions in the District.	Deaths of Non-Residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Number.	Rate.*		
				Number.	Rate per 1,000 Births registered	Number.	Rate.*							
1	2	3	4	5	6	7	8	9	10	11	12	13		
1898	12990	303	23·3	53	175	203	15·6	19	13	16	206	15·8		
1899	13085	311	23·8	32	103	170	13	15	8	26	188	14·4		
1900	13886	268	19·2	23	88	184	13·2	19	12	12	184	13·3		
1901	13983	320	22·8	28	88	184	13·2	31	22	14	176	12·6		
1902	14080	323	22·9	28	87	187	13·3	25	21	12	178	12·6		
1903	13557	275	20·3	26	94	163	12	36	28	23	158	11·7		
1904	13655	295	21·6	44	149	182	13·3	36	22	18	178	13		
1905	13755	289	21	32	111	163	11·8	32	23	12	152	11·1		
1906	13855	259	18·7	29	112	176	12·7	30	22	23	177	12·8		
1907	13955	283	21·1	24	83	150	10·8	36	26	15	139	10		
Averages for Years 1898-1907	13680	293	21·1	32	109	176	12·8	28	20	17	174	12·7		
1908	14056	274	19·5	23	84	164	11·7	37	22	19	161	11·4		

Area of District in Acres (exclusive of area covered by water), 2,717.

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Total population at all ages	13,958
Number of inhabited houses	2,497
Average number of persons per house	5·6

At Census of 1901.

TABLE III.

Cases of Infectious Disease notified during the Year 1908.

Name of District - - New Windsor Borough.

CASES NOTIFIED IN WHOLE DISTRICT.							
Notifiable Disease.	All ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65upw'ds.
Small-pox ...	0	...	...	...	...	...	...
Cholera ...	0	...	...	...	...	...	...
Diphtheria (including Membranous croup)	11	1	1	5	2	2	...
Erysipelas ...	5	...	...	...	...	...	...
Scarlet fever ...	10	...	1	6	2	1	...
Typhus fever ...	0	...	...	...	...	...	...
Enteric fever ...	0	...	...	...	...	...	...
Relapsing fever	0	...	...	...	...	...	...
Continued fever	0	...	...	...	...	...	...
Puerperal fever	0	...	...	...	...	...	...
Plague ...	0	...	...	...	...	...	...
Totals	26	1	2	11	4	3	0

TABLE IV.

Causes of and Ages at Death during the Year 1908.

Name of District - New Windsor Borough.

CAUSES OF DEATH.				Deaths at the subjoined ages of residents, whether occurring in or beyond the District.							Total Deaths whether of residents or non residents in Public Institutions in the District.
				All ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	
Small-pox	...	...	...	0	...	...	...	...	...	..	...
Meales	...	...	...	1	...	1	...	...	...	...	...
Scarlet Fever	...	...	...	1	...	1	...	...	...	...	...
Whooping-cough	...	...	...	0	...	...	...	...	..	...	...
Diphtheria (including Membranous croup)	...	...	...	2	1	1	...	...	...	...	1
Fever { Typhus	...	...	...	0	...	...	...	...	...	...	...
Enteric	...	...	...					
Other continued	...	...	...					
Epidemic influenza	...	...	...	4	...	...	...	...	...	4	...
Diarrhœa	...	...	...	2	2	...	...	...	...	...	1
Enteritis	...	...	...		...	..	...	...	...	...	1
Erysipelas	...	...	...	1	...	...	...	...	...	1	...
Phthisis (Pulmonary Tuberculosis)				10	...	1	...	...	8	1	...
Other tuberculous diseases	...			4	...	1	2	...	1	...	1
Cancer (malignant disease)	...			13	...	...	...	...	6	7	2
Bronchitis	...	...	...	13	...	1	1	1	...	10	5
Pneumonia	...	...	...	7	1	1	...	...	3	2	2
Other diseases of Respiratory organs	...	...	...	1	...	...	...	..	1	...	...
Alcoholism	}			4	...	...	...	...	3	1	4
Cirrhosis of liver		...	...						
Premature birth	...	...	...	9	9	...	...	...	...	...	...
Heart diseases	...	...	...	22	...	...	...	...	8	14	2
Accidents	...	...	...	6	...	1	1	2	2	...	6
All other causes	...	...	...	61	5	2	...	1	16	37	13
ALL CAUSES	...	...	...	161	18	10	4	4	48	77	39

In recording the facts under the various headings of Tables I., III., IV. and V., attention has been given to the notes on the Tables.

EDWARD CASEY, *Medical Officer of Health.*

January 13th, 1909.

Annual Report for Year, 1908.

To the New Windsor Urban Sanitary Authority.

GENTLEMEN,

I have the honour to present my Report on the Sanitary Work of your Inspector during the twelve months ending 31st December, 1908. This being my 21st Annual Report.

A house to house inspection has been made of the following localities :—

Locality.	No. of times.	Locality.	No. of times.
Adelaide Square	1	James Street.....	2
Acre Passage	4	Jubilee Cottages	3
Albany Road	2	Kepple Row.....	4
Alexandra Road	1	Kings Road (parts of).....	2
Alma Road (parts of)	3	Leworth Place	2
Arthur Road.....	3	Melbourne Place.....	2
Albion Place	4	New Cottages	2
Ann's Place	4	Oxford Terrace	1
Alma Cottages.....	3	Oxford Road (parts of)	2
Barrack Lane	3	Oxford Terrace	1
Beaumont Road	2	Peascod Street	1
Bourne Avenue	2	Peascod Place	1
Brook Street.....	2	Pleasant Place	4
Bolton Road.....	2	Park Place	2
Bridgewater Terrace	3	Prince Consorts Cottages	3
Church Street	4	Providence Place.....	3
Cambridge Place.....	2	Queens Road	2
Charles Street	3	Russell Street	3
Charles St. Cottages	3	Russell Court	2
Charles Place	3	Pounds Court	3
Clarence Road.....	1	Red Lion Row.....	4
Clarence Crescent	1	River Street	3
Clarence Clump	3	St. Marks Road	1
Dagmar Road	3	St. Marks Place	1
Datchet Road	1	St. Leonards Road	2
Devereux Road	2	St. Leonards Avenue	1
Distil House Row.....	4	Sydney Place	4
Frances Road	1	South Place	4
Garfield Place	2	Sun Passage	3
Garden Court	4	Thames Street	1
Gloucester Place	1	Temple Road	2
Goswell Place	3	Tolladay Place.....	3
Goswell Lane	1	Una Terrace	2
Great Western Place	3	Victoria Cottages.....	3
Grove Road	2	Victor Road.....	2
Grove Place	3	Victoria Street	1
Helena Road	2	William Street	1

House-to-house inspection as the following number of premises	4,073
Special visitations on complaints	36
Re-inspections to ascertain if defects are remedied	350

Works done to procure abatement of nuisances and improvement of Sanitary Fittings as follows :—

New house drains provided	4
House drains, unstopped	5
„ „ repaired	8
„ „ ventilated	2
„ „ tested	4
„ „ inlets to, provided with traps	30
Water closets, unstopped	5
„ „ repaired	11
„ „ drains to, repaired	3
„ „ flushing apparatus to, repaired	10
„ „ new basins to. provided	7
Sinks, waste pipe to, properly disconnected	4
„ „ gulley to, repaired	2
„ „ inlets to, from drains properly trapped	2
„ „ reconstructed	10
Various Nuisances	84
Damp walls of houses improved by damp course and ventilation	10
Yard pavings amended	20
Rain-water pipes repaired	10
Roofs of houses and gutterings repaired	13
Interiors of houses cleansed, whitened, and repaired	46
Cases of overcrowding abated	8
Animals kept so as to be a nuisance	5
Nuisance from foul deposits and manure abated	5
New dust bins provided	40
Nuisance from condition of urinals abated	5

365

INFECTIOUS DISEASES.

Disinfection has been carried out in the following cases :—

Scarlet Fever (notifiable)	...	...	...	...	...	10
Diphtheria	„	...	...	...	...	6
Erysipelas	„	..	...	...	...	1
Phthisis (not notifiable)	...	...	...	...	...	2
Cancer	„	„	...	...	...	1
Number of Infectious Diseases was	...	...	...	...	...	21
Number of rooms disinfected	...	...	...	...	...	27
Number of bedding and articles disinfected	...	...	...	...	...	493
Loads of Bedding disinfected	...	...	...	...	...	24
Number of articles of bedding, etc.. destroyed	...	...	...	...	...	151

I have inspected water-fittings, and discovered and caused to be remedied, defects	...	...	...	86
Complaints of nuisances attended to	...	...	...	40
Letters written asking for abatement of nuisances	...	...	...	205
Information of nuisances to Sanitary Authority	...	...	...	11
Statutory notices served	...	...	...	7
Prosecutions	...	...	...	0

DAIRIES, COWSHEDS, AND MILKSHOPS ORDER, 1885.

One new cowshed has been erected and one abolished. The premises of the persons engaged in this business have been frequently visited, and a careful inspection made of the utensils in use.

CANAL BOATS ACT.

The number of Canal Boats inspected during the year 1908, was 4. No infringements of the regulations were discovered.

FACTORIES, WORKSHOPS, AND WORKPLACES.

Periodical inspections have been made, and attention called to any breach of the Regulations discovered.

OUTWORKERS.

Premises occupied by outworkers have been periodically inspected as to the sanitary condition of the premises. A register is kept of all Factories, Workshops, Workplaces, and residences of Outworkers.

SALE OF FOODS AND DRUGS ACT.

During the twelve months ending December, 1908, I purchased and forwarded to the Public Analyst 37 samples, consisting of 12 Milk, 11 Butter, 11 Cheese, and 3 Margarine.

The Analyst's report on the various samples submitted were forwarded to the Medical Officer of Health, and the Town Council acting as the Urban Sanitary Authority.

Four of the samples of Milk purchased were certified by the Borough Analyst to be below the authorised standard. Three of the cases were ordered to be admonished, and in one a prosecution was ordered, but did not take place owing to the lapse of time.

A general inspection of the courts and poor localities has been made every two months.

The Common Lodging Houses have been visited daily. No cases of Infectious Diseases have been notified or discovered.

The Slaughter Houses have been frequently inspected; your regulations were found complied with in every particular.

FISH UNFIT FOR FOOD.—At the request, and by consent of the owners, 1 cwt. of cod and whiting were destroyed.

The Markets and Shops have been kept under supervision. No bad meat, fish, fruit, or any article of food unfit for human consumption, has been found exposed for sale.

Your obedient Servant,

S. W. MELLOWS, C.S.I.S.E.

Inspector of Nuisances.

,, *Foods and Drugs.*

,, *Canal Boats.*

,, *Factories and Workshops.*

,, *Water Fittings.*

